

Abstract

The present invention provides a capsule endoscope (CE) having sensors configured to form or to conform to the shell of the CE. The sensors are curved to correspond to the capsule's shape. According to this embodiment, the sensors may be covered by a coating material to protect the sensors. The sensors may also form the capsule shell. Instead of being covered by a shell associated with the capsule, the sensors are formed as the capsule shell. The sensors may also form part of the capsule shell. For example, one half of the capsule shell may be formed from the sensors.